# 2019 CERTIFICATION Consumer Confidence Report (CCR) DWELFKIME WATER & SEWEN

Public Water System Name

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	List PWS ID #s for all Community	Water Systems included in this CCR
req	ne Federal Safe Drinking Water Act (SDWA) requires each Consumer Confidence Report (CCR) to its customers each ye ust be mailed or delivered to the customers, published in a nequest. Make sure you follow the proper procedures when distail, a copy of the CCR and Certification to the MSDH. Plea	ommunity Public Water System (PWS) to develop and distributed ar. Depending on the population served by the PWS, this CCI was appear of local circulation, or provided to the customers upor ributing the CCR. You must email, fax (but not preferred) of assessment apply.
	Customers were informed of availability of CCR by:	(Attach copy of publication, water hill or other)
	Advertisement in local paper (At	tach copy of advertisement)
	□ On water bills (Attach copy of bi	(II)
	☐ Email message (Email the message	ige to the address below)
	☐ Other	
	Date(s) customers were informed: 7/Z/2020	
الما	CCR was distributed by U.S. Postal Service or of methods used Holmes Co. Heral 9	her direct delivery. Must specify other direct delivery
	Date Mailed/Distributed: 7/2/20	*
v.#	CCR was distributed by Email (Email MSDH a copy)	Date Emailed: / / 2020
	□ As a URL	(Provide Direct URL)
	☐ As an attachment	(1 Tornic Direct Ont.)
	☐ As text within the body of the ema	uil message
ليا	CCR was published in local newspaper. (Attach copy of Name of Newspaper: Holmes lo. Hell Date Published: 1/2/20	of published CCP or moseful.
ij	CCR was posted in public places. (Attach list of location	ons) Date Posted: 7/2/2020
Π	CCR was posted on a publicly accessible internet site a	t the following address:
l here above and co	TIFICATION  eby certify that the CCR has been distributed to the customers e and that I used distribution methods allowed by the SDWA. I orrect and is consistent with the water quality monitoring data proof the surgery of Public Water Supply	of this public water system in the form and manner identified
	This is sayon	7-2-20
ivame	e/Title (Board Mesident, Mayor, Owner, Admin, Contact, etc.)	Date
	Submission options (Selec	t one method ONLY)
	Mail: (U.S. Postal Service) MSDII, Bureau of Public Water Supply P.O. Box 1700	Email: water.reports@msdh.ms.gov
	Jackson, MS 39215	Fax: (601) 576 - 7800 **Not a preferred method due to poor clarity **

CCR Deadline to MSDH & Customers by July 1, 2020!

#### 2019 Annual Drinking Water Quality Report VED WATER SUPPLY

Sweethome Water & Sewer District

PWS#: 0260015 June 2020 2020 JUN 26 PM 1: 31

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Meridian Upper Wilcox Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Sweethome Water & Sewer District have received moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Coreginald Patton, Operator at 662.613.0515. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Monday of each month at 6:00 PM at 201 Spring Street, Lexington, MS 39095

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1st to December 31st, 2019. In cases where monitoring wasn't required in 2019, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Level 1 Assessment: A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

TEST RESULTS										
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination		

10. Barium	N	2018*	.0676	.01490676	ppm	2		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits		
14. Copper	N	2015/17*	.1	0	ppm	1.3		Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives		
17. Lead	N	2015/17*	2	0	ppb	0				
Sodium	N	2019	56000	No Range	PPB	0				
Disinfection	on By-	Products	3	No Range	ppb	0	60	By-Product of drinking water disinfection.		
82. TTHM [Total trihalomethanes]	N	2018*	7.06	No Range	ppb	0	80	By-product of drinking water chlorination.		
Chlorine	N	2019	.9	.4 – 1.5	Mg/l	0	MDRL = 4	Water additive used to control microbes		

<sup>\*</sup> Most recent sample. No sample required for 2019.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We did complete the monitoring requirements for bacteriological sampling that showed one sample with coliform present. There were no bacteria in the resamples.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Sweethome Water and Sewer District works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

### PROOF OF PUBLICATION

## HOLMES COUNTY HERALD LEXINGTON, MISSISSIPPI

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